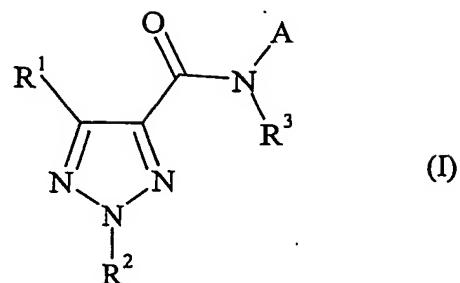


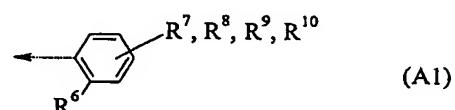
CLAIMS

1. A compound of formula (I):

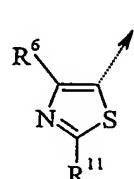
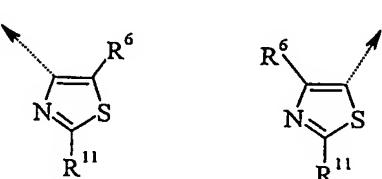
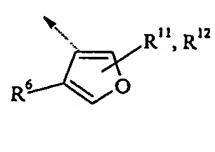
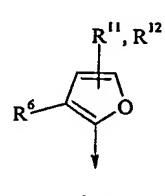
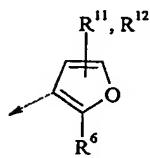
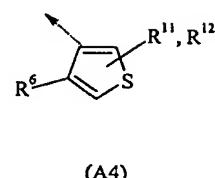
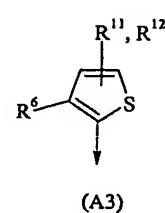
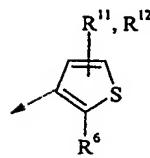


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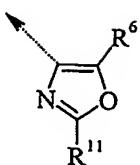
where A is an *ortho*-substituted ring selected from formulae (A1) to (A22);



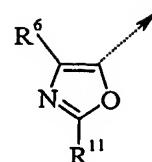
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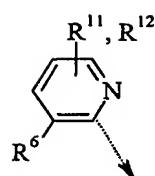
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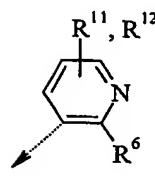
(A10)



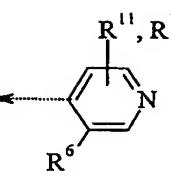
(A11)



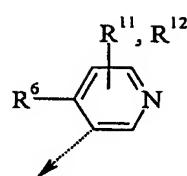
(A12)



(A13)

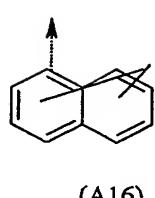


(A14)

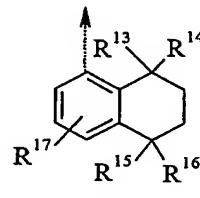


(A15)

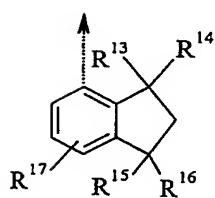
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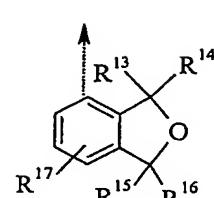
(A16)



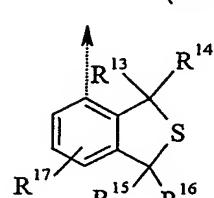
(A17)



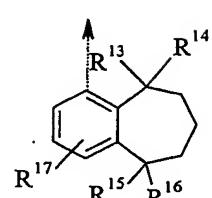
(A18)



(A19)

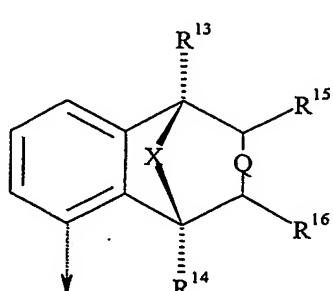


(A20)



(A21)

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(A22)

Q is a single or a double bond; X is O, N(R¹⁸), S or CR¹⁹R²⁰)(CR²¹R²²)_m(CR²³R²⁴)_n; R¹ is halogen, cyano, nitro, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy or optionally substituted C₂₋₄ alkenyl, 5 optionally substituted C₂₋₄ alkynyl or optionally substituted SO₂(C₁₋₄)alkyl (where the optionally substituted moieties may each have up to 3 substituents, each independently selected from halogen and C₁₋₄ alkoxy); R² is C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl or C₁₋₄ alkylthio(C₁₋₄)alkyl or [optionally substituted aryl](C₁₋₄)alkyl- or [optionally substituted aryl]oxy(C₁₋₄)alkyl- (where the optionally substituted aryl moieties may each have up to 3 substituents, each independently selected from halogen and C₁₋₄ alkoxy); R³ is hydrogen, 10 CH₂C=CR⁴, CH₂CR⁴=C(H)R⁴, CH=C=CH₂ or COR⁵ or optionally substituted C₁₋₄ alkyl, optionally substituted C₁₋₄ alkoxy or optionally substituted (C₁₋₄)alkylC(=O)O (where the optionally substituted moieties may each have up to 3 substituents, each independently selected from halogen, C₁₋₄ alkoxy, C₁₋₄ alkyl, 15 C₁₋₂ haloalkoxy, hydroxy, cyano, carboxyl, methoxycarbonyl, ethoxycarbonyl, methylsulfonyl and ethylsulfonyl); each R⁴ is, independently, hydrogen, halogen, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy or C₁₋₄ alkoxy(C₁₋₄)alkyl; R⁵ is hydrogen or 20 optionally substituted C₁₋₆ alkyl, optionally substituted C₁₋₄ alkoxy, optionally substituted C₁₋₄ alkoxy(C₁₋₄)alkyl, optionally substituted C₁₋₄ alkylthio(C₁₋₄)alkyl or optionally substituted aryl (where the optionally substituted moieties may each have up to 3 substituents, each independently selected from halogen, C₁₋₆ alkoxy, 25 C₁₋₆ haloalkoxy, cyano, hydroxy, methoxycarbonyl and ethoxycarbonyl); R⁶ is phenyl [optionally substituted by up to 3 substituents, each independently selected from halogen, cyano, nitro, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ haloalkylthio, C(H)=N-OH, C(H)=N-O(C₁₋₆ alkyl), C(C₁₋₆ alkyl)=N-OH, 30 C(C₁₋₆ alkyl)=N-O-(C₁₋₆ alkyl), (Z)_pC≡CR²⁵ and (Z)_pCR²⁸=CR²⁶R²⁷], a 5-6 membered heterocyclic ring [in which the ring contains 1 to 3 heteroatoms (each independently chosen from oxygen, sulphur and nitrogen) and the ring is 35 optionally substituted by up to 3 substituents, each independently selected from halogen, cyano, nitro, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C(H)=N-O-(C₁₋₆ alkyl) and C(C₁₋₆ alkyl)=N-O-(C₁₋₆ alkyl)], C₃₋₁₂ alkyl [optionally substituted by up to 6 substituents, each independently selected from halogen,

cyano, C₁₋₄ alkoxy, C₁₋₄ thioalkyl, COO-C₁₋₄ alkyl, =N-OH, =N-O-(C₁₋₄ alkyl), C₃₋₈ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy) and C₄₋₈ cycloalkenyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy)],

5 C₂₋₁₂ alkenyl [optionally substituted by up to 6 substituents, each independently selected from halogen, cyano, C₁₋₄ alkoxy, C₁₋₄ thioalkyl, COO-(C₁₋₄ alkyl), =N-OH, =N-O-(C₁₋₄ alkyl), C₃₋₈ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy) and C₄₋₈ cycloalkenyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy)],

10 C₂₋₁₂ alkynyl [optionally substituted by up to 6 substituents, each independently selected from halogen, cyano, C₁₋₄ alkoxy, C₁₋₄ thioalkyl, COO-C₁₋₄ alkyl, =N-OH, =N-O-(C₁₋₄ alkyl), C₃₋₈ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy)],

15 C₂₋₁₂ alkynyl [optionally substituted by up to 6 substituents, each independently selected from halogen, cyano, C₁₋₄ alkoxy, C₁₋₄ thioalkyl, COO-C₁₋₄ alkyl, =N-OH, =N-O-(C₁₋₄ alkyl), C₃₋₈ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy)], Si(CH₃)₃ and C₄₋₈ cycloalkenyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy)], C₃₋₈ cycloalkyl [optionally substituted by up to 3 substituents, each independently selected from halogen, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ thioalkyl, C₃₋₆ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy) and phenyl (itself optionally substituted by up to five independently selected halogen atoms)],

20 C₄₋₈ cycloalkenyl [optionally substituted by up to 3 substituents, each independently selected from halogen, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ thioalkyl, C₃₋₆ cycloalkyl (itself optionally substituted by up to 3 substituents, each independently selected from C₁₋₄ alkyl, halogen, C₁₋₄ alkoxy and C₁₋₄ haloalkoxy) and phenyl (itself optionally substituted by up to five independently selected halogen atoms)], C₆₋₁₂ bicycloalkyl [optionally substituted by up to 3 substituents, each independently selected from halogen, C₁₋₄ alkyl and C₁₋₄ haloalkyl] or an aliphatic, saturated or unsaturated group [in which the group contains three to thirteen carbon atoms and at least one silicon atom and,

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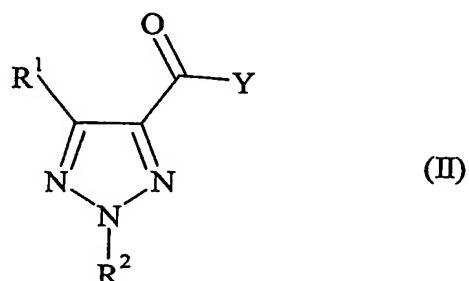
optionally, one to three heteroatoms, each independently selected from oxygen, nitrogen and sulphur, and the group is optionally substituted by up to four independently selected halogen atoms]; R⁷, R⁸, R⁹, R¹⁰, R¹¹ and R¹² are each, independently, hydrogen, halogen, cyano, nitro, C₁₋₄ alkyl, C₁₋₄ haloalkyl,
5 C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ thioalkyl or C₁₋₄ thiohaloalkyl; R¹³, R¹⁴, R¹⁵, R¹⁶ and R¹⁷ are each, independently, hydrogen, halogen, C₁₋₄ alkyl, C(O)CH₃, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, C₁₋₄ haloalkoxy, C₁₋₄ thioalkyl, C₁₋₄ thiohaloalkyl, hydroxymethyl or C₁₋₄ alkoxy(methyl); R¹⁸ is hydrogen, C₁₋₄ alkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl, formyl, C(=O)C₁₋₄ alkyl (optionally substituted by halogen or C₁₋₄ alkoxy) or C(=O)O-C₁₋₆ alkyl (optionally substituted by halogen, C₁₋₄ alkoxy or CN); R¹⁹, R²⁰, R²¹, R²², R²³ and R²⁴ are each, independently, C₁₋₆ alkyl, C₁₋₆ alkenyl [both optionally substituted by halogen, hydroxy, =O, C₁₋₄ alkoxy, O-C(O)-C₁₋₄ alkyl, aryl or a 3-7 membered carbocyclic ring (itself optionally substituted by up to three methyl groups)], a 3-7 membered carbocyclic ring
10 (optionally substituted by up to three methyl groups and optionally containing one heteroatom selected from nitrogen and oxygen), hydrogen, halogen, hydroxy or C₁₋₄ alkoxy; or R¹⁹R²⁰ together with the carbon atom to which they are attached form a carbonyl-group, a 3-5 membered carbocyclic ring (optionally substituted by up to three methyl groups), C₁₋₆ alkylidene (optionally substituted by up to three methyl groups) or C₃₋₆ cycloalkylidene (optionally substituted by up to three methyl groups); R²⁵ is hydrogen, halogen, C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl, C₁₋₄ haloalkoxy(C₁₋₄)alkyl or Si(C₁₋₄ alkyl)₃; R²⁶ and R²⁷ are each, independently, hydrogen, halogen, C₁₋₄ alkyl or C₁₋₄ haloalkyl; R²⁸ is hydrogen, C₁₋₄ alkyl or C₁₋₄ haloalkyl; m is 0 or 1; n is 0 or 1; p is 0 or 1; and Z is C₁₋₄ alkylene.
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2. A compound of formula (I) as claimed in claim 1 where A is selected from formulae (A1), (A2), (A3), (A16), (A17), (A18), (A19), (A20) and (A22).
- 30 3. A compound of formula (I) as claimed in claim 1 or 2 where R¹ is C₁₋₄ alkyl, C₁₋₄ haloalkyl, NO₂, CN or OCF₃.

4. A compound of formula (I) as claimed in claim 1, 2 or 3 where R² is C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy(C₁₋₄)alkyl or C₁₋₄ alkylthio(C₁₋₄)alkyl.

5. A compound of formula (I) as claimed in claim 1, 2, 3 or 4 where R³ is hydrogen, CH₂C≡R⁴, CH₂CR⁴=C(H)R⁴, CH=C=CH₂ or COR⁵.

6. A compound of formula (II):

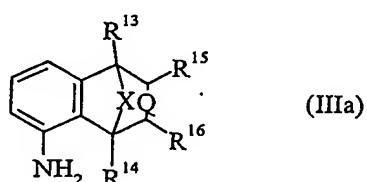


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where R¹ and R² are as defined in claim 1 and Y is halogen, hydroxy or C₁₋₅ alkoxy; provided that when R¹ is chloro and R² is 4-CH₃O-C₆H₄-CH₂-, Y is not C₂H₅O; when R¹ is CH₃O and R² is CH₃, Y is not C₂H₅O; when R¹ is bromo and R² is CH₃OCH₂, Y is not CH₃O; and when R¹ is CH₃ and R² is C₂H₅, Y is not OH.

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7. A compound of formula (IIIa)



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where R¹³, R¹⁴, R¹⁵, R¹⁶, X and Q are as defined in claim 1; provided that when R¹³, R¹⁴, R¹⁵ and R¹⁶ are each H then X is not CH₂ when Q is a double bond and X is not CH₂CH₂ when Q is a single bond or a double bond; and when R¹³ is CH₃, R¹⁴ is OCH₃ and R¹⁵ and R¹⁶ are both H then X is not CH₂CH₂ when Q is a single bond.

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8. A composition for controlling microorganisms and preventing attack and infestation of plants therewith, wherein the active ingredient is a compound of formula (I) as claimed in claim 1 together with a suitable carrier.

- 5 9. A method of controlling or preventing infestation of cultivated plants by phytopathogenic microorganisms by application of a compound of formula (I) as claimed in claim 1 to plants, to parts thereof or the locus thereof.